VGN-BZ579N03

VAIO® BZ Series Notebook PC

Business PC featuring security, durability and IT-accessible design

POWERFUL PC PERFORMANCE

Intel® Core™ 2 Duo P8700 processor (2.53GHz[1]) turns up the speed on multi-tasking while curbing energy consumption.

The VAIO® BZ notebook comes pre-installed with Genuine Windows Vista® Business 32bit with XP Pro downgrade disc in the box.

Offering a massive boost in wireless connection speed and range, work and play quicker almost anywhere within your office or home using next-generation 802.11n integrated wireless LAN technology[3] .

COMPATIBILITY AND ACCESSIBILITY

Sony knows that efficient and accessible PC design is critical to keeping your employees up and running. With the VAIO® BZ notebook, frequent IT activities such as RAM upgrades, swapping out the optical drive, accessing the hard drive and detaching the keyboard are quick and easy to do.

The VAIO® BZ notebook has a reduced amount of pre-loaded software for improved compatibility and IT peace of mind. With less pre-loaded software, IT personnel can more quickly set up and image the notebook.

Keeping the technical needs of your business in mind, the VAIO® BZ notebook offers BIOS level control for IT administrators over inputs and outputs such as Ethernet, USB ports and Memory card/SD card slots to name a few.

BUSINESS-GRADE DURABILITY

Not only designed for a comfortable touch and feel, the full-sized keyboard on the VAIO® BZ notebook features a spill-resistant panel to protect the computer's internal components against accidental spills.

Hit the road with confidence. The VAIO® BZ notebook is constructed with a stylish yet durable and lightweight magnesium alloy chassis to protect against the everyday knocks and bumps encountered frequently in travel.

G-Sensor™ Shock Protection technology[15] makes your data even less vulnerable to loss or damage. When the built-in 3D acceleration sensor detects a risky movement, the HDD-head will lock up to secure its position and help protect the disc from scratching.

A 15.4" widescreen display provides brighter colors and sharper details, as well as anti-glare reflection technology.

SERIOUS SECURITY

A built-in biometric fingerprint scanner makes authentication and secure access quick and easy; you only need your fingerprint.

An integrated Trusted Platform Module (TPM) TCG Ver.1.2 compliant chip enhances security by allowing you to control access on a specific client/user basis.

Built for business, the lightweight VAIO® BZ notebook boasts the productivity and compatibility features required by IT professionals and business customers. Magnesium casing and a spill-resistant keyboard panel help protect against the accidents common to travel while Intel® Centrino® 2 processor technology provides the power necessary for day-in day–out computing.

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VAIO® BZ Series Notebook PC

Specifications

General

Computer Type: Notebook

Type of Use: Portable

Action Buttons: Wireless / Bluetooth® on / off, mute button, S1

Pointing Device: Electro-Static touch pad

Security: Biometric Fingerprint Sensor
Trusted Platform Module (TPM) TCG Ver.1.2

Hardware

Keyboard: QWERTY, 82 keys with 2.0mm stroke and 19.05mm pitch

Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology

Processor

Type: Intel® Core™ 2 Duo Processor P8700

Speed: 2.53GHz[1]

Front Side Bus Speed: 1066MHz

L2 Cache: 3MB

Technology: Intel® Centrino® 2 Processor Technology

Memory

Type: DDR2/800MHz

Installed: 3GB PC2-6400 (2GBx1)+(1GBx1)

Maximum: 4GB[13]

Hard Drive

Capacity: 320GB[2]

Speed: 7200rpm

Type: Serial ATA

Impact Protection: G-Sensor™ Shock Protection - Hard Disk Drive Protection[15]

Optical Drive

CD Support: Read / Write (CD/-R/-RW)

DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (Standard/Duo) media slot with MagicGate® functionality
PC card slot (PCMCIA 2.0)
One Secure Digital (SD™ memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 15.4"[4]

Resolution:
1280 x 800

Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology
Total Available Graphics Memory: 1341MB (max.)[12]

Chipset: Mobile Intel® GM45 Express Chipset

Inputs and Outputs

Modem Jack: 1

Microphone Input: 1

Port Replicator Connector(s): 1

USB Port(s): 3 (2.0 compliant)

VGA Output(s): 1

DC-In: 1

i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[7]

Ethernet Connection (s): 1

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13A)

Estimated Battery Life: Up to 5.0 hours[8] Standard Capacity Battery
Up to 7.5 hours[8] Large Capacity Battery

Power Requirements: 100W +10%

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T

Ethernet Speed: Fast Ethernet (RJ-45)

Wi-Fi: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]

Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® technology[14]

Modem Type: Integrated V.92/V.90 Modem (RJ-11)

Software

Operating System: Genuine Windows Vista® Business 32-bit (XP Professional downgrade disc included)

Supplied Software: Microsoft® Office Ready

Service and Warranty Information

Telephone Support: 1 year toll-free technical assistance available 24/7[10] at 888-476-6972

Online and Email Support: Available at http://www.esupport.sony.com/EN/VAIO

Onsite/In-Home Service: 1 year limited warranty with Onsite/In-Home Service[16]. See actual warranty for details.

International Service: 1 year international service plan. Registration required. See www.sony.com/IRSP for details.

Dimensions

Weight: 5.8 lbs[5] (with standard battery)

Measurements: 14.27"(W) x 1.18"(H) x 10.51"(D)[5,6]

Supplied Accessories

Standard Capacity Lithium-ion battery

AC Adapter

Power Cord

Optional Accessories

Port Replicator (VGP-PRBZ1)

Additional Standard Capacity Battery (VGP-BPS13A/B)

Large Capacity Battery (VGP-BPL13)

Universal Carrying Case (VGP-AMB1A)

Bluetooth® Laser Mouse[14] (VGP-BMS33/B)

Neoprene Case (VGP-AMC3)

Privacy Filter (VGP-FL15)

Stick AC Adapter (VGP-AC19V30)

Leather Messenger Bag (VGP-AMB8)

Color: Magnesium

UPC Code: 027242784444

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. Viewable area measured diagonally.
5. Non-metric weights and measures are approximate and may vary.
6. Measured at the narrowest point
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
9. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
10. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor.
11. Broadband Internet service required along with third party services which may require a subscription or other service fee.
12. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition, driver software version and system memory size.
13. A portion of the system memory over 3GB may not be available to the operating system.
14. Interoperability and compatibility among Bluetooth® devices varies.
15. G-Sensor™ Shock Protection will not work on pre-installed or downgraded Windows® XP Professional models. Windows Vista® is required for feature functionality.
16. When available, Sony will provide Onsite/In-Home Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite/In-Home Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite/In-Home Service may not be available in all locations.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
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